

2 DEC 1976

MEMORANDUM FOR THE RECORD

SUBJECT: Director of Logistics Briefing on 23 November 1976

1. On 23 November 1976, the Real Estate and Construction Division briefed the Director of Logistics and his staff regarding the new (second) 2500 kW generator, utilities impact of Project SAFE, and the HVAC Phase II project. Attendees were:

James H. McDonald - D/L
- DD/L
- EO/OL
- C/RECD
- DC/RECD
- C/HEB
- C/MS/HEB
- C/ES/HEB

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2. The first topic to be discussed was installation of the new 2500 kW generator. This briefing centered around a change in concept, that is, abandoning the enclave approach used with the first 2500 kW generator and installing the new 2500 kW unit such that it will operate in parallel with the existing 2500 kW unit and the two 2000 kW Worthington units to produce 9000 kW of power on the main high-voltage bus. This power will be distributed to critical components as needed. This new approach maximizes use of all available generating capacity while retaining the flexibility to meet changes on load levels and locations throughout the Headquarters compound.

3. Also discussed was the expansion of Transformer Vault C which is currently funded in FY 1977 at \$700,000. Minor redesign must be done on this project once SAFE requirements have been firmly established.

4. In regard to Project SAFE, the possible need for yet a third 2500 kW generator was discussed. This item is presently included in the overall SAFE funding package. At the request of the EO/OL, HEB will conduct an in-depth survey of power requirements throughout the compound in order to ascertain the absolute need for a third 2500 kW unit to support SAFE requirements. The alternate proposal by the EO/OL

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was to initiate an extensive load-shedding scheme to bring the total compound load to 9000 kW. HEB is now conducting this survey and will be in a position to present various economic and technical trade offs by late January 1977.

5. The briefing concluded with a presentation by C/MS/HEB of the HVAC Phase II project.

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Chief
Electrical Section, HEB/RECD/OL

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